

Title (en)

ADHESIVE COMPOSITION AND PREPARATION METHOD AND USE THEREOF

Title (de)

KLEBSTOFFZUSAMMENSETZUNG SOWIE HERSTELLUNGSVERFAHREN UND VERWENDUNG DAVON

Title (fr)

COMPOSITION ADHÉSIVE ET SON PROCÉDÉ DE PRÉPARATION ET SON UTILISATION

Publication

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Application

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Abstract (en)

The invention relates to an adhesive composition, the preparation and use of said composition, and an article obtained by bonding using said composition. The adhesive composition comprises: a. an anionic aqueous polyurethane dispersion, which contains a polyurethane with enthalpy of fusion of at least 3 J/g, wherein the enthalpy of fusion is measured by DSC at 20°C-100°C of the first heating curve according to DIN 65467; and wherein said aqueous polyurethane dispersion has a hydroxyl content of 0.001% by weight to 0.085% by weight, relative to the total weight of the aqueous polyurethane dispersion; and b. an aqueous polyacrylate primary dispersion with a hydroxyl content of 0.5% by weight to 1.8% by weight, relative to the total weight of the aqueous polyacrylate primary dispersion; wherein the amount of the aqueous polyurethane dispersion is 30% by weight to 91% by weight, and the amount of the aqueous polyacrylate primary dispersion is 9% by weight to 70% by weight, the above weight percentages being relative to the total weight of the adhesive composition. The adhesive composition of the present invention has good high-temperature resistance.

IPC 8 full level

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Citation (applicant)

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